

B3

METHOD FOR AIDING IN THE POSITIONING OF A CATHETER. If the monitoring is automatic, the EP system may automatically send a signal to the transformation system that the catheter is in contact with the chamber wall.

In the Claims:

Please add new Claims 59 and 60:

59. (NEW) A system for graphically displaying and dynamically correcting a model of a region located within a living body, comprising:

a processor for generating a three-dimensional model of a region of interest;

a display for graphically displaying the generated model;

a probe for placement into the body at the region of interest; and

means associated with the probe for generating data related to the three-dimensional position of the probe and wherein said processor utilizes said position data to deform the model of the region of interest to alter to the shape of the model so as to increase the conformity of the model to the actual region of interest within the body.

60. (NEW) A method of graphically displaying and dynamically correcting a model of a region located within a living body, comprising the steps of:

generating a three-dimensional model of a region of interest;

graphically displaying the generated model;

positioning a probe within the body at the region of interest;

generating position data related to the three-dimensional position of the probe within the body and using said position data to deform the model of the region of interest to alter the shape of the model so as to increase the conformity of the model to the actual region of interest within the body.